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**Olin CHEMICALS**  
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August 18, 1997

Mr. Stanley F. Radon  
Senior Engineering Geologist  
Division of Solid and Hazardous Materials - Region 9  
New York State Department of Environmental Conservation  
270 Michigan Avenue  
Buffalo, NY 14203-2999

Subject: **Status Report of Ground-Water Collection and Treatment System and  
Storm Water Management  
Olin Chemicals Facility, Niagara Falls, NY**

Dear Mr. Radon:

The following is a summary of the activities performed from the period of August 4 through August 15, 1997. This status report covers the fourth and fifth weeks of construction activities for the project.

**TASKS COMPLETED OR IN PROGRESS**

**Building 73 Preparation:**

- The building interior masonry and steel were primed and painted.
- The building exterior was primed, and is in the process of being painted.
- The installation of the concrete secondary containment curb is in progress.

**Trench Preparation:**

- Concrete foundations were destroyed and other obstructions were removed from several proposed trench locations.
- At locations where the storm main had to cross active railroad tracks, steel casings were installed under the tracks. Three 12-inch casings and one 24-inch casing were installed by the boring crew.
- In the area of a proposed trench, a 60-foot section of storage railroad tracks was removed, and the bumper replaced.

**Storm-Water Main Installation:**

- The following catch basins were installed: MH-1, STM-13, STM-14, STM-16, STM-17, STM-18, STM-19, and STM-20.
- Trenches were excavated, bedding material was added, HDPE pipe was installed, tie-ins to existing catch basins were made, and the trenches were backfilled and compacted for each of the catch basins mentioned above.
- Frames and grates were installed on several catch basins. This work is still in progress.



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**Well and Piezometer Installation:**

- Monitoring wells OBA-23A and OBA-23B were installed.
- Passive relief wells PR-1, PR-2, PR-3, PR-4, and PR-5 were installed.
- Recovery wells RW-1, RW-2, RW-3, RW-4, and RW-5 were installed.
- Piezometer nests PN-1, PN-2, PN-3, PN-4, and PN-5 were installed.
- Development and performance testing of wells PR-2 and RW-2 was completed.

**Force Main Installation:**

- The trench for the force main was excavated from RW-3 down to RW-5.
- Bedding material was added to the trench and 4-inch HDPE pipe was installed from Building 73 up to each well along Gill Creek.
- The trench was backfilled and compacted, but the area around each well was left open for future installation of pitless adapters and leak detection units.

**Site Grading:**

- Begun grading existing gravel in section to be paved adjacent to the Olin parking lot and along the north portion of the site.
- The area was prepared for paving by sawcutting the edge of the existing asphalt, and removing the curbing, along with fenceposts, and ballards.

**DESIGN CHANGES AND RATIONALE**

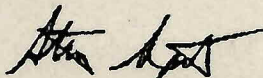
- There have been no significant changes to the design in this period.

**PROBLEMS ENCOUNTERED**

- There have been no significant problems encountered with the project.

If you have any questions regarding the project, please contact me on-site at (716)285-4703.

Sincerely,



Stephen K. Spitzer  
Resident Engineer

cc: Bill Wertz  
Jim Frye  
Mike Bellotti  
Vickie Ray  
Jim Reed  
Rick Marotte



  
**LAW (PRIVATE)**

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To DALE CARPENTER	From Wm WERTZ
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Dept. EPA R-2	Phone #
Fax #	Fax #

Date:

To: Bill Wertz - DEC Albany

Phone: (518) 457-9253

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From: Steve Spitzer

Law Engineering and Environmental Services, Inc.

@Olin Chemical Facility

Niagara Falls, NY

Phone: (716) 285-4703

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The total number of pages, including this cover page is: 3

If you do not receive all of the pages in good condition, please call me at the above number.

Mr Wertz:

Here is the latest bi-weekly status report for activities at Olin-Niagara Falls. Don't hesitate to call me with any questions.

- Steve